

CLAIMS

1. An injection device for causing a dose of liquid to be ejected from the needle at one end of a syringe located within a housing of the device, the syringe being movable by a plunger, upon release of an actuating bias member at one end of the housing, to move the syringe, from a first position wherein the needle is shrouded by the housing, to a second position wherein the needle projects from the other end of the housing, the plunger having its free end positioned within the other end of a container of the syringe and carrying a surrounding and gripping flexible O-ring which rests against an enlarged head of the other end of the syringe container, such that a primary movement of the plunger, under the bias of the actuating bias member, will transmit a frictional force to the O-ring with the result that the syringe container is moved by the O-ring from said first to said second position, whereupon arresting of further movement of the syringe container results in the frictional grip between the plunger and the O-ring being partially released, thus enabling the plunger to move by a secondary movement, into the syringe container, into contact with and to act upon a plug to compress the liquid within the syringe and cause expression of the liquid through the syringe needle.

2. An injection device as claimed in claim 1, wherein a pressure maintaining bias member is positioned between a head of the plunger and the O-ring to enable pressure to be maintained by the O-ring onto the head of the syringe container during the secondary movement of the plunger.

3. An injection device as claimed in claim 1 or claim 2, including a return bias member acting between the syringe housing and the other end of the

syringe container to hold the syringe retracted within the housing until the actuating bias member is released.

4. An injection device as claimed in any one of claims 1 to 3, wherein one or more of the bias members provided within the housing is in the form of a coil spring.

5. An injection device substantially as herein described, with reference to the accompanying drawings.

6. Any novel combination of features of an injection device as described herein, and/or as illustrated in the accompanying drawings.